



# CAREER and TECHNICAL EDUCATION UPDATE December 1, 2015

## **2015-2016 CALENDARS Posted on the Secondary CTE Web page**

The **CTE Calendar of Events** and the **CTE DUE DATES and DEADLINES** calendars have been posted to the Secondary CTE web page located at this link: [http://opi.mt.gov/programs/CTAE/CTE.html#gpm1\\_5](http://opi.mt.gov/programs/CTAE/CTE.html#gpm1_5) Please feel free to print and post both of these important calendars for your reference throughout the year. For questions about either calendar, please contact Christy Hendricks at 406.444.9019 or email her at: [chendricks@mt.gov](mailto:chendricks@mt.gov).

## **CTE “Facts about CTE in Montana” – Now Available**

The 2014-2015 Facts about CTE in Montana is now available on the Secondary CTE web page and also located here:

[http://www.opi.mt.gov/pdf/CTE/14\\_15CTE\\_Facts.pdf](http://www.opi.mt.gov/pdf/CTE/14_15CTE_Facts.pdf)

Career and Technical Education prepares Montana K-12 students for a wide range of careers and postsecondary education programs. Career and Technical Education courses are found in Montana's middle schools, high schools and career centers.

Career and Technical Education courses provide students with life and employment skills to make them highly desirable employees in today's modern workforce. Skills learned in K-12 Career and Technical Education courses prepare students to enter the workforce or to continue their education with a much higher degree of focus and direction for their career goals.

Montana has 465 approved Career and Technical Education programs and 648 certified teachers in Agriculture, Business, Marketing, Family and Consumer Sciences, Industrial, Trades and Technology, and Health Science. More than 150 Montana high schools participate in the federal Carl D. Perkins and state Career and Technical Education grant programs to support and improve their Career and Technical Education programs.

In addition to skills learned in Career and Technical Education courses, many Montana students gain additional technical and leadership skills through participation in a Career and Technical Student Organization. The seven Career and Technical Student Organizations with active Montana chapters are FFA; Business Professionals of America (BPA); DECA, *An Association of Marketing Students*; Family, Career and Community Leaders of America (FCCLA); HOSA, *Future Health Professionals*; SkillsUSA; and Technology Student Association (TSA).

## **CTE Fall Data Collection CONTINUES**

The CTE Fall Data Collection began on October 1 and ends on December 31, 2015. The CTE Fall Data Collection is a follow-up to last year's Spring CTE data collection. Students identified last year (2014-2015) as CTE Concentrators and who also graduated in the spring of 2015 must be contacted between October 1 and December 31 and asked their current post-graduation status. After contact, the appropriate post-graduation status code must be entered into the AIM/Infinite Campus data system for each CTE Concentrator. All high schools that received funding from the Carl D. Perkins federal grant program in 2014-2015 are required to complete this fall follow-up data collection to maintain their eligibility to receive Perkins funding.

Instructions for completing the CTE Fall Data Collection--called the 'Quick Reference Guide'--is located on the AIM web page listed inside the Reports and Data tab.



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)

Technical AIM questions regarding the CTE Fall Data Collection should be directed to the AIM Helpdesk at 1-877-424-6681 (toll-free) or email [opiainhelp@mt.gov](mailto:opiainhelp@mt.gov). Questions regarding the Carl D. Perkins federal grant program data requirements should be directed to Christy Hendricks, CTE/Perkins Accountability Specialist at 406-444-9019 or email [chendricks@mt.gov](mailto:chendricks@mt.gov).

For more information, contact [Christy Hendricks](#), 406-444-9019

## New links posted on CTE Website

The Career and Technical Education website has been updated and now includes three (3) new links to help CTE teachers and schools to complete their participation reports. The links include a helpful worksheet for CTE teachers to complete with all the necessary information needed for the participation reports, the current listing of all Montana K-12 Course Codes and Descriptions for the 2015-2016 school year and an Introduction to the Common Career Technical Core. The link for all these valuable resources is located here:

[http://opi.mt.gov/Programs/CTAE/CTE.html#gpm1\\_6](http://opi.mt.gov/Programs/CTAE/CTE.html#gpm1_6)

For more information, contact [Christy Hendricks](#), 406-444-9019.

## Agriculture, Food and Natural Resources

No update at this time.

Submitted by

### **Dr. Brad King**

Agriculture Education Specialist  
Office of Public Instruction  
Office Phone: (406) 444-4451  
Cell Phone: (406) 465-3037  
E-mail: [bking2@mt.gov](mailto:bking2@mt.gov)

### **FFA**



Over seven-hundred Montana FFA members recently participated in the National FFA Convention in Louisville, Ky. This annual convention was attended by over 65,000 FFA members from across the nation. This attendance milestone set a new record in the organization's 88<sup>th</sup> year of existence.

Montana FFA members competed in 20 different career development events. The Ag Sales team from Missoula led the way for Montana chapters with a fourth place finish. Belgrade's Farm Business Management Team placed 7<sup>th</sup> which was the only other team from Montana in the nation's top ten. Other teams and individuals did very well in representing their chapters, schools and state. In addition to competitions, members participated in a variety of leadership activities and educational opportunities.

The Montana FFA Association was recognized as the first place state in the nation in regards to percentage of membership gained in one year. The association received an award banner and recognition during one of the convention sessions for this honor. The state association also received a gold award for being a 100% membership state. This means that every student in Montana's Agriculture Education classes are also FFA members.



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)

Montana FFA's State Officers will be visiting schools across Montana during December and January. These leadership based visits will mark the beginning of the 2016 FFA events which will culminate at the Bozeman based State FFA Convention, March 30<sup>th</sup> – April 2<sup>nd</sup>.

FFA information submitted by Montana FFA State Director, Jim Rose, phone: (406) 994-7050; Email: [jrose@metnet.mt.gov](mailto:jrose@metnet.mt.gov).

## **Business Education**

### **Business Education Specialist Presents at National Conference**

Eric Swenson, Business Education Specialist within the Career, Technical, and Adult Education Division of the Office of Public Instruction, recently presented a workshop during the Association for Career and Technical Education's CareerTech VISION 2015 conference in New Orleans, Louisiana. The 2015 CareerTech VISION conference was held November 19-22.

His presentation, *Instructional Strategies for Engaging Learners P-D-Q (Painless for students, ideas already Developed, and Quick to implement)*, focused on providing business education as well as career & technical education professionals at the middle school, secondary, post-secondary, and university levels with activities they can use within their curriculum to ensure students are actively engage in their learning. The workshop focused on the three areas of activating strategies, cognitive strategies, and summarizing strategies with ready-to-implement ideas and resources shared to increase communication, critical thinking, participation, problem solving, and writing skills within lessons. Various activities and instructional tools to address each of the three strategies were presented with a couple of the different activities engaging attendees as they were presented in a hands-on and active learning style and related to the various content areas of the business education curriculum.

The CareerTech VISION 2015 conference, sponsored by the Association for Career and Technical Education (ACTE) and the National Association of State Directors of Career Technical Education Consortium (NASDCTEC), provides attendees in-depth training sessions, demonstrations of the latest technologies and asset management for our institution and classroom, and hands-on workshops. CareerTech VISION 2015 also provides networking opportunities with thousands of career and technical education professionals.

Submitted by

#### **Eric Swenson**

Business Education Specialist

Office of Public Instruction

Phone: (406) 444-7991 Fax: (406) 444-1373

E-mail: [eswenson@mt.gov](mailto:eswenson@mt.gov)



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)



## **Montana Business Professionals of America— December 2015 Update**

Wishing you all a joyous holiday season from Montana BPA.

REGIONAL QUALIFIER NUMBERS—with registration winding up for 2015-2016 the membership numbers for BPA are as follows:

Region 1 - Northwest Montana--102 members  
Region 2 - Western Montana—65 members  
Region 3 - North Central Montana--295 members  
Region 4 - Southwest Montana--183 members  
Region 5 - South Central Montana—139 members  
Region 6 - Yellowstone & Musselshell Co.--328 members  
Region 7 - Southeast Montana--164 members  
Region 8 - Northeast Montana--231 members  
Currently we have 1507 BPA members at the secondary level

Upcoming regional competition dates are set: December 7--Region 7; December 16--Region 4; December 21-22--Region 6; January 11—Region 1; January 12—Region 5; January 6 or 13—Region 2; January 18—Region 3 and January 20—Region 8. All students are hoping to earn a spot to compete at the state conference held in Billings on March 13-15, 2016.

Like us on Facebook-  **Business Professionals of America-Montana Association**

Follow us on Instagram  **BPAMT**

Tweet us on Twitter  **@Montana BPA**

Submitted by  
Lisa Parker, State Director  
Montana Association  
Business Professionals of America  
(406) 579-3697  
[lparkermtpa@gmail.com](mailto:lparkermtpa@gmail.com)

### **Montana DECA**



November has been a busy month for Montana DECA. The State Officer Team attended the DECA Ultimate Power Trip Conference in Austin, TX. The Ultimate Power Trip combines leadership teams from the Southern, Western, and North Atlantic Regions of DECA and focuses on Chapter, Leadership, and Association Membership Development. Held in conjunction with the DECA Innovations and Entrepreneurs Conference, members were given the opportunity to learn innovative strategies to entrepreneurship and business ownership.



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)

Montana DECA also actively participated in Global Entrepreneurship Week. Chapters from the Montana Association uploaded and participated in the DECA Idea Challenge. Final presentations and product pitches are available at <http://www.deca.org/high-school-programs/high-school-video-challenges/>.

A premier event of Global Entrepreneurship Week (GEW), the DECA Idea Challenge 2015 is a fast-paced, hands-on learning experience that dares students around the globe to generate an innovative new use for a commonplace item in just eight days. Students must organize into teams, access the challenge item online, collaborate as a team to produce an original and sustainable use for the item and pitch their invention in an engaging YouTube video presentation. DECA Inc. is proud to have [Pearson](#) as a DECA Idea Challenge 2015 Engaging Partner. Pearson is a global learning company that provides instructional curriculum, service and assessments to students and instructors at all levels of learning.



Submitted by John Stiles, DECA State Director.

## **Family and Consumer Sciences & Family, Career, and Community Leaders of America Update**

On November 7, in collaboration with Montana State University the “Say Yes to FCS” day was held. Montana State University is the only Montana school to certify FCS teachers. The Say Yes to FCS day is part of a nation-wide campaign to encourage individuals to choose FCS Education as their future career choice. An additional day highlighting the FCS Profession includes the upcoming “Dining In” for FCS Day on December 3 where people commit to preparing and eating a healthy meal together. For more information and to get involved, please visit <http://www.aafcs.org/FCSday/index.html>.

Each of the ten Montana FCCLA districts are currently conducting district meetings attended by over 85% of members. At these events, members receive leadership training, explore service learning opportunities including the 2015-16 State Outreach Project: Lead2Feed and elect officers.

To enhance communication among chapter members and share best practices, Montana FCCLA has launched a Pen Pal program. This program connects chapters who sign-up to participate from across the state. They are encouraged to write monthly letters to each other sharing successes and asking questions.

Providing professional development for advisers continues to be a focus for Montana FCCLA programming. Almost 40% of Montana FCCLA advisers are within their first five years of advising a chapter. To support their professional growth, Montana FCCLA has launched the Phased Approach to FCCLA. This is a mentor program which pairs new advisers with experienced advisers. To help grow a sustainable and manageable chapter, advisers are provided with a list of annual goals to achieve as they grow as an adviser.

New this year is the New Adviser of the Year award. This award is designed for advisers within their first five years who are investing in themselves and building a chapter. Advisers may be nominated at [www.mtfcccla.org](http://www.mtfcccla.org) by members, peers, alumni, administrators or community members. The first award will be given at the 2016 State Leadership Conference in Billings, MT.

Montana ProStart & FCS educators Bev Tompers, Belgrade High School, and Peggy Strobbe, Cascade High School, recently attended the Jackson Hole Culinary Conference: Great Foods of the World, hosted by the Central Wyoming Culinary College and Wyoming Lodging and Restaurant Association. During the 2 1/2 day conference they attended training with Chefs Annie Fenn and Robyne Befeld; demonstrations by Chefs Jose



Mader and Lauren Estay; visited the amazing multi-story greenhouse Vertical Harvest, the brain-child of Penny McBride and Nona Yehai, and feasted on a fabulous dinner prepared by Chef Rene Stein at the Rose.

About 65 educators and professionals from Montana attended ACTE's CareerTech Vision 2015 in New Orleans in mid-November, which included about five FCS professionals. While there, attendees attended useful workshops, heard inspiring speakers, dined on amazing local cuisine, networked with other CTE and FACS professionals and explored the unique culture of New Orleans. Megan Vincent presented a workshop "Math in CTE" along with Henry Begler (Carpentry teacher) and Clay Burkett (Math teacher) from Helena High School. Megan also ran and organized two meetings for the National Association of State Administrators of Family & Consumer Sciences (NASAFACS, which is a section of the ACTE FACS Division), served on the FACS Division Policy Committee, and attended the FACS Division Business Meeting.

Respectfully submitted,  
Megan A. Vincent, FCS Specialist, Office of Public Instruction  
Nicole Wanago, FCCLA Director, Montana FCCLA

**Megan A. Vincent**

Family & Consumer Sciences Education Specialist  
FCCLA State Adviser  
Montana Office of Public Instruction  
Phone: (406) 444-3599 Fax: (406) 444-1373  
E-mail: [mvincent2@mt.gov](mailto:mvincent2@mt.gov)

**Nicole Wanago**

Montana FCCLA State Director  
PO Box 11409  
Bozeman, MT 59719  
[Nicole.wanago@mtfccla.org](mailto:Nicole.wanago@mtfccla.org)

## **Health Sciences Education**

### **Health Science Update**

**The National Consortium for Health Science Education Master Teacher Institute (MTI)-2015 was held Nov. 12-14, in Chicago, IL.** MTI is an intensive hands-on institute of 2.5 days for innovative health science teachers nominated by their health science state leader. The Institute focuses on: the National Health Science Standards, classroom strategies for student engagement, pedagogy, technology, STEM, and the data driven classroom. Participants were selected through an application process and recommendations from the health science state lead and a school administrator. A maximum of two (2) applicants were selected from each member state. **Christi Virts, CM Russell, Great Falls and Angela Hammang, Beaverhead High School, Dillon, were the two health science master teachers that attended this event.** Kudos to our exceptional teachers!

To your health!

Renee Harris, Health Science Education Specialist

"In my 17 years of teaching I find the NCHSE conferences to be the best professional development opportunities that are filled with the great ideas. This particular training was a smaller, intimate group of teachers that offered not only great ideas but lots of opportunities of networking. I loved it!!! There were so many great ideas that it is hard to pick just one.



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)



I am going to implement a current news article every other week using some literacy strategies. I will pull the article from the same places as the HOSA event "Healthcare Issues" so it will allow those students who chose to do that event to "study" right in the classroom." Christi Virts, CMR Health Science Master Teacher

Submitted by

**Renee Harris**

Health Sciences Education Specialist

Office of Public Instruction

Tel: 406-994-6986

Email: [RHarris3@mt.gov](mailto:RHarris3@mt.gov)

## **Montana HOSA**



It's countdown to affiliation (a.k.a. membership) deadline for Montana HOSA, as plans get underway for State Leadership Conference, 2016. This year's conference will be hosted at the Missoula Holiday Inn Parkside, Mar. 21-22.

Our eastern and northern chapters are busy raising funds for the road trip.

A prize package was sent to Capital High School HOSA for being the first to add their organization posted on the high school website page. We encourage all CTSOs to make sure their organizations are listed under school "activities" and/or "clubs."

Montana HOSA, in partnership with Montana Area Health Education Centers (AHECs), assists chapters by providing use of the curriculum "In-A-Box" library. Chapters earn funds (which they use for travel to State Conference) by presenting health science lessons to their local middle schools. Below, members from BigFork High School HOSA present Brain In-A-Box to Bigfork 5<sup>th</sup> graders. Kudos to advisor, Rhonda White.



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)

Submitted by  
**Martha Robertson**  
Program Coordinator  
Montana HOSA Director  
W: 406-243-4746 C: 406-830-5408  
32 Campus Dr., Skaggs #173  
Missoula, MT 59812

## **Industrial, Trades and Technology Education**

The recently completed SAFETY FEST, held in Billings the week of November 24 appeared to be very well attended, including a few Industrial Trades and Technical Education Teachers.

The only problem I encountered, was that more than one class of interest was scheduled during the same time frame.

Emphasis on SAFETY in the workplace has taken a top priority nationally as well as here in Montana, where the work related injury rate is among the highest in the nation.

Experts have long known that the best place to start initiating workplace safety training is in secondary and postsecondary programs, before the individuals enter the workforce.

The next SAFETY FEST is scheduled for February 8-12, 2016 in Missoula, at the Garden Inn.

Another SAFETY FEST is scheduled for May 17-19, at Miles City Community College.

Although the majority of the classes offered are directed toward a work-place setting, most of the subjects are applicable to the subject areas taught in the school shop/lab environment.

Submitted by

**Don Michalsky**  
Industrial, Trades and Technology Education Specialist  
Office of Public Instruction  
Phone: (406) 444-4452 Fax (406) 444-1373  
E-mail: [dmichalsky@mt.gov](mailto:dmichalsky@mt.gov)





## **SkillsUSA**



Montana SkillsUSA State Director Cassie Huntley is attending State Director Education Resource Training in Leesburg, VA. the week of November 30, 2015. Details will be available for the next CTE report.

**SkillsUSA information submitted by Montana SkillsUSA State Director, Cassie Huntley, cell phone: (406) 461-5016; Email: [chuntley@skillsusamontana.org](mailto:chuntley@skillsusamontana.org)**

## **Montana TSA**



Montana Technology Student Association celebrating our 25th Anniversary!!!  
TSA is in the middle of our fall membership drive. We have added 4 schools to this year's list Billings Career Center, Lone Peak, Gardiner, Flathead HS and we have 4 schools pending. We are excited about the growth we are seeing.

We provided leadership training for our state officers and local chapter officers on the Hi-line in Malta. We worked on the three upcoming regional leadership trainings, Southern region in Billings, Hi-line region in Glasgow and Western region in Kalispell.

TSA Reporter Chandler Pippin has produced a how to video on the TSA Service Hours reporting software Track-It-Forward. We have placed this video on the MontanaTSA Facebook page. Three schools, Harlem, Saco, Whitewater, have piloted the service hour reporting software Track-it-Forward with great success.

There will be two Regional Vex robotics competitions, on December 5th at Bozeman High School will be hosting a regional Vex Robotics competition contact Glenn Bradbury ( [gbradbury@bozeman.k12.mt.us](mailto:gbradbury@bozeman.k12.mt.us) ) at Bozeman High School for more information. Second regional on February 27 at Glacier High School will be hosting a Western regional Vex Robotics competition contact Troy Smith ( [smitht@sd5.k12.mt.us](mailto:smitht@sd5.k12.mt.us) ) at Glacier High School for more information. Come visit these two competitions and witness this growing worldwide STEM competition. The Montana TSA State VEX robotic competition will be held at the Montana TSA Leadership Conference in Billings April 11-12, 2016.

CTSA information submitted by Montana TSA Co-State Directors,  
Craig Todd, cell phone: 406.690.2524; Email: [craig@harlem-hs.k12.mt.us](mailto:craig@harlem-hs.k12.mt.us)  
Dwight Freeman, cell phone: 406.671.6992; Email: [dfreeman@sacoschools.k12.mt.us](mailto:dfreeman@sacoschools.k12.mt.us)

### TSA State Advisors

Craig B. Todd  
PO Box 1004  
Harlem, MT 59526  
Cell: 406-690-2524  
E-mail: [craig@crystalcnc.com](mailto:craig@crystalcnc.com)

Dwight Freeman  
PO Box 288  
Saco, MT 59261  
Cell: 406.671.6992 Phone: 406.527.3237  
E-mail: [dwight\\_freeman@yahoo.com](mailto:dwight_freeman@yahoo.com)



Denise Juneau, Superintendent  
Montana Office of Public Instruction  
[www.opi.mt.gov](http://www.opi.mt.gov)